



2000 Toxics Release Inventory

COLORADO

Reported Releases and Waste Management Activities (in pounds)

| | Original Industry | New Industry | Total |
|---|-------------------|-------------------|--------------------|
| On-site Releases | 5,824,758 | 18,932,936 | 24,757,694 |
| Air Emissions | 2,394,722 | 1,436,472 | 3,831,194 |
| Surface Water Discharges | 3,153,805 | 17,751 | 3,171,556 |
| Underground Injection Class I Wells | 0 | 0 | 0 |
| Underground Injection Class II-V Wells | 0 | 0 | 0 |
| On-site Land Releases to RCRA Subtitle C Landfills | 3,064 | 678 | 3,742 |
| Other On-site Land Releases | 273,166 | 17,478,036 | 17,751,202 |
| Off-site Releases (Transfers Off-site to Disposal)* | 1,107,384 | 4,735,428 | 5,842,812 |
| Total On- and Off-site Releases | 6,932,142 | 23,668,364 | 30,600,506 |
| Recycled On-site | 26,040,292 | 124,154 | 26,164,446 |
| Recycled Off-site | 24,467,792 | 99,045 | 24,566,837 |
| Energy Recovery On-site | 426,954 | 0 | 426,954 |
| Energy Recovery Off-site | 3,136,094 | 58,399 | 3,194,493 |
| Treated On-site | 11,749,801 | 3,463,957 | 15,213,758 |
| Treated Off-site** | 3,394,446 | 256 | 3,394,702 |
| Quantity Released On- and Off-site*** | 7,136,411 | 24,070,096 | 31,206,507 |
| Total Production-related Waste Managed | 76,351,789 | 27,815,907 | 104,167,696 |
| Non-production-related Waste Managed | 115,206 | 77 | 115,283 |

Transfers Off-site for Further Waste Management/Disposal

| | | | |
|---|-------------------|------------------|-------------------|
| Recycling | 24,776,244 | 42,739 | 24,818,983 |
| Energy Recovery | 3,129,377 | 60,458 | 3,189,835 |
| Treatment | 2,153,194 | 1,760 | 2,154,954 |
| Publicly Owned Treatment Works (POTWs) | 1,307,660 | 750 | 1,308,410 |
| Metals and Metal Compounds* | 2,280 | 750 | 3,030 |
| Non-metal TRI Chemicals** | 1,305,380 | 0 | 1,305,380 |
| Other Off-site Transfers**** | 17,000 | 0 | 17,000 |
| Transfers Off-site to Disposal (not including metals to POTWs) | 1,172,238 | 5,166,830 | 6,339,067 |
| Total Transfers Off-site for Further Waste Management/Disposal | 32,555,712 | 5,272,536 | 37,828,249 |

* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code.

For More Information . . .

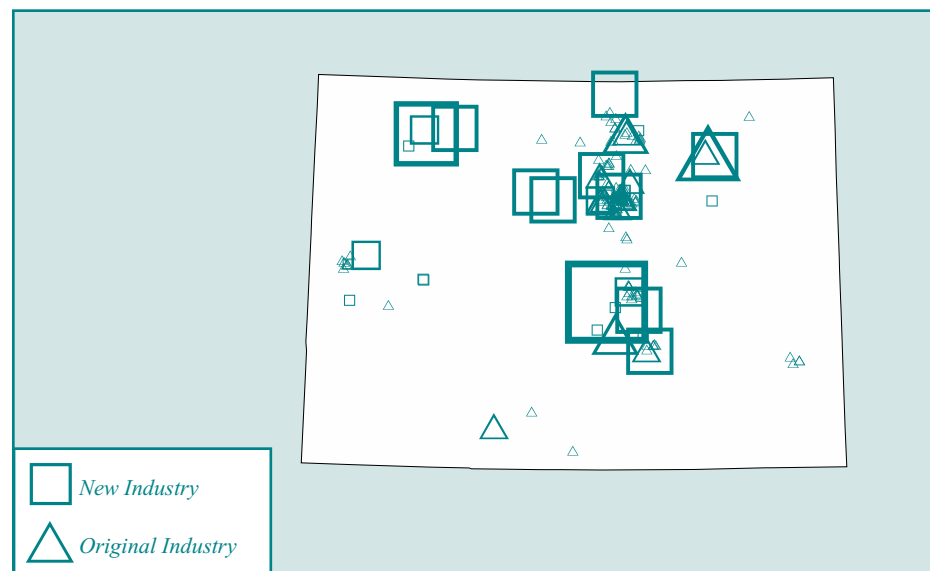
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To obtain TRI data use
assistance, call TRI User
Support Service (TRI-US):
(202) 566-0250
Fax: (202) 401-2347
tri.us@epa.gov



The largest marker in the state map represents the largest facility for on-site releases in the state of Colorado. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

| | |
|------------------|-----------|
| Population | 4,323,410 |
| Square Miles | 103,729 |
| Total Facilities | 197 |
| Total Forms | 649 |
| Form As | 118 |

| | Original Industry | New Industry | Total |
|---|-------------------|--------------|-------------|
| National Rank for Total On- and Off-site Releases* | | | |
| Rank | 39 | 27 | 37 |
| Pounds | 6,932,142 | 23,668,364 | 30,600,506 |
| National Rank for Total On-site Releases** | | | |
| Rank | 38 | 29 | 37 |
| Pounds | 5,824,758 | 18,932,936 | 24,757,694 |
| National Rank for Total Releases within State*** | | | |
| Rank | 39 | 28 | 34 |
| Pounds | 6,133,329 | 23,681,416 | 29,814,745 |
| National Rank for Production-related Waste Managed | | | |
| Rank | 39 | 33 | 42 |
| Pounds | 76,351,789 | 27,815,907 | 104,167,696 |

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



2000 Toxics Release Inventory

COLORADO

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

| CAS Number | Chemical | On-site Releases | | | | Off-site Releases | Total Releases in the State** | Off-site Transfers to Disposal | | |
|------------|---------------------|----------------------|---------------------------------|------------------------------|---------------------------------|--|-------------------------------|--------------------------------|---------------------------------|---------------------------------|
| | | Air Emissions Pounds | Surface Water Discharges Pounds | Underground Injection Pounds | On-site Releases to Land Pounds | Transfers Off-site to Disposal* Pounds | | Transferred Into State Pounds | Transferred Within State Pounds | Transferred Out of State Pounds |
| — | Manganese compounds | 9,972 | 26,532 | 0 | 9,015,934 | 458,735 | 9,511,173 | 29 | 369,740 | 99,000 |
| — | Barium compounds | 18,609 | 2,432 | 0 | 4,958,817 | 4,022,899 | 9,002,757 | 1,358 | 4,442,897 | 0 |
| — | Zinc compounds | 49,362 | 217 | 0 | 2,418,113 | 833,231 | 3,300,923 | 0 | 83,879 | 749,352 |
| — | Nitrate compounds | 0 | 3,109,948 | 0 | 16,661 | 531 | 3,127,140 | 809 | 381 | 150 |
| 7664-39-3 | Hydrogen fluoride | 803,924 | 0 | 0 | 0 | 0 | 803,924 | 253 | 0 | 0 |

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

| CAS Number | Chemical | On-site Releases | | | | Off-site Releases | Total Releases in the State** | Off-site Transfers to Disposal | | |
|------------|--|----------------------|---------------------------------|------------------------------|---------------------------------|--|-------------------------------|--------------------------------|---------------------------------|---------------------------------|
| | | Air Emissions Pounds | Surface Water Discharges Pounds | Underground Injection Pounds | On-site Releases to Land Pounds | Transfers Off-site to Disposal* Pounds | | Transferred Into State Pounds | Transferred Within State Pounds | Transferred Out of State Pounds |
| — | Mercury compounds | 410.08 | 17.15 | 0.00 | 1,472.90 | 469.19 | 2,369.32 | 78.33 | 517.19 | 0.00 |
| 7439-97-6 | Mercury | 502.60 | 0.00 | 0.00 | 728.70 | 5.00 | 1,236.30 | 2.33 | 0.00 | 5.00 |
| — | Polycyclic aromatic compounds | 363.00 | 67.30 | 0.00 | 0.00 | 142.10 | 572.40 | 109.00 | 93.30 | 48.80 |
| 191-24-2 | Benzo(g,h,i)perylene | 28.41 | 0.80 | 0.00 | 0.00 | 3.70 | 32.91 | 23.18 | 3.50 | 0.20 |
| 72-43-5 | Methoxychlor | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 |
| — | Dioxin and dioxin-like compounds | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 |
| — | <i>Dioxin and dioxin-like compounds (in grams)</i> | 8.256 | 0.060 | 0.000 | 0.000 | 0.001 | 8.317 | 0.000 | 0.001 | 0.000 |
| 118-74-1 | Hexachlorobenzene | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 608-93-5 | Pentachlorobenzene | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 309-00-2 | Aldrin | —*** | — | — | — | — | — | — | — | — |
| 57-74-9 | Chlordane | —*** | — | — | — | — | — | — | — | — |
| 76-44-8 | Heptachlor | —*** | — | — | — | — | — | — | — | — |
| 465-73-6 | Isodrin | —*** | — | — | — | — | — | — | — | — |
| 29082-74-4 | Octachlorostyrene | —*** | — | — | — | — | — | — | — | — |
| 40487-42-1 | Pendimethalin | —*** | — | — | — | — | — | — | — | — |
| 1336-36-3 | Polychlorinated biphenyls (PCBs) | —*** | — | — | — | — | — | — | — | — |
| 79-94-7 | Tetrabromobisphenol A | —*** | — | — | — | — | — | — | — | — |
| 8001-35-2 | Toxaphene | —*** | — | — | — | — | — | — | — | — |
| 1582-09-8 | Trifluralin | —*** | — | — | — | — | — | — | — | — |

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals.



2000 Toxics Release Inventory

COLORADO

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

| Facility, City, County | On-site Releases | | | | | | Total On-site Releases* Pounds | Off-site Releases | |
|--|-----------------------|---------------------------------|----------------------|-------------------------|----------------------------------|------------------------------------|--------------------------------|----------------------------------|---------------------------------|
| | Underground Injection | | | | On-site Releases to Land | | | (Transfers Off-site to Disposal) | |
| | Air Emissions Pounds | Surface Water Discharges Pounds | Class I Wells Pounds | Class II-V Wells Pounds | RCRA Subtitle C Landfills Pounds | Other On-site Land Releases Pounds | | Transferred Within State Pounds | Transferred Out of State Pounds |
| Cripple Creek & Victor Gold Mining Co., Victor, Teller | 6,732 | 0 | 0 | 0 | 0 | 10,888,406 | 10,895,138 | 0 | 0 |
| Trapper Mining Inc., Craig, Moffat | 436 | 204 | 0 | 0 | 0 | 2,651,567 | 2,652,207 | 0 | 0 |
| Excel Corp., Fort Morgan, Morgan | 2,745 | 2,517,575 | 0 | 0 | 0 | 0 | 2,520,320 | 187 | 0 |
| Rawhide Energy Station, Wellington, Larimer | 73,454 | 0 | 0 | 0 | 0 | 693,524 | 766,978 | 0 | 0 |
| Public Service Co. of Colorado Comanche Station, Pueblo, Pueblo | 41,062 | 1,534 | 0 | 0 | 0 | 694,130 | 736,726 | 207,940 | 0 |
| Public Service Co. of Colorado Valmont Station, Boulder, Boulder | 169,915 | 95 | 0 | 0 | 0 | 360,044 | 530,054 | 0 | 0 |
| Ray D. Nixon Power Plant, Fountain, El Paso | 78,536 | 0 | 0 | 0 | 0 | 443,008 | 521,544 | 500 | 0 |
| Public Service Co. of Colorado Hayden Station, Hayden, Routt | 7,324 | 0 | 0 | 0 | 0 | 472,089 | 479,413 | 0 | 0 |
| Climax Molybdenum Co. Henderson Mine, Empire, Clear Creek | 19 | 13,655 | 0 | 0 | 0 | 450,015 | 463,689 | 0 | 0 |
| Kodak Colorado Div., Windsor, Weld | 49,428 | 407,798 | 0 | 0 | 0 | 542 | 457,768 | 0 | 0 |

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

| Facility, City, County | On-site Releases | | | | | | Total On-site Releases* Pounds | Off-site Releases | |
|--|-----------------------|---------------------------------|----------------------|-------------------------|----------------------------------|------------------------------------|--------------------------------|----------------------------------|---------------------------------|
| | Underground Injection | | | | On-site Releases to Land | | | (Transfers Off-site to Disposal) | |
| | Air Emissions Pounds | Surface Water Discharges Pounds | Class I Wells Pounds | Class II-V Wells Pounds | RCRA Subtitle C Landfills Pounds | Other On-site Land Releases Pounds | | Transferred Within State Pounds | Transferred Out of State Pounds |
| Cripple Creek & Victor Gold Mining Co., Victor, Teller | 11.30 | 0.00 | 0.00 | 0.00 | 0.00 | 901.00 | 912.30 | 0.00 | 0.00 |
| Safety-Kleen (Deer Trail) Inc., Deer Trail, Adams | 3.60 | 0.00 | 0.00 | 0.00 | 677.70 | 0.00 | 681.30 | 0.00 | 0.00 |
| CF&I Steel L.P. (dba Rocky Mountain Steel Mills), Pueblo, Pueblo | 341.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 341.00 | 0.00 | 5.00 |
| Conoco Denver Refy., Commerce City, Adams | 331.00 | 5.65 | 0.00 | 0.00 | 0.00 | 0.00 | 336.65 | 29.40 | 0.00 |
| Holnam Inc. Portland Plant, Florence, Fremont | 133.10 | 0.00 | 0.00 | 0.00 | 0.00 | 49.00 | 182.10 | 0.00 | 0.00 |
| Public Service Co. of Colorado Comanche Station, Pueblo, Pueblo | 27.37 | 17.00 | 0.00 | 0.00 | 0.00 | 130.00 | 174.37 | 40.00 | 0.00 |
| Tri-State Generation & Transmission - Craig Station, Craig, Moffat | 133.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 133.76 | 108.00 | 0.00 |
| Public Service Co. of Colorado Pawnee Station, Brush, Morgan | 27.06 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 | 127.06 | 110.00 | 0.00 |
| Trapper Mining Inc., Craig, Moffat | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 108.00 | 108.00 | 0.00 | 0.00 |
| Public Service Co. of Colorado Hayden Station, Hayden, Routt | 13.05 | 0.00 | 0.00 | 0.00 | 0.00 | 89.00 | 102.05 | 0.00 | 0.00 |

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



2000 Toxics Release Inventory

COLORADO

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

| Facility, City, County | Recycled On-site Pounds | Recycled Off-site Pounds | Energy Recovery On-site Pounds | Energy Recovery Off-site Pounds | Treated On-site Pounds | Treated Off-site Pounds | Quantity Released On- and Off-site* Pounds | Total Production-related Waste Managed Pounds | Total Non-Production-related Waste Managed Pounds |
|--|-------------------------|--------------------------|--------------------------------|---------------------------------|------------------------|-------------------------|--|---|---|
| Cripple Creek & Victor Gold Mining Co., Victor, Teller | 0 | 0 | 0 | 0 | 0 | 0 | 10,894,836 | 10,894,836 | 0 |
| Tri-State Generation & Transmission - Craig Station, Craig, Moffat | 0 | 0 | 0 | 0 | 1,643,000 | 0 | 2,781,829 | 4,424,829 | 0 |
| Trapper Mining Inc., Craig, Moffat | 0 | 0 | 0 | 0 | 0 | 0 | 2,647,108 | 2,647,108 | 0 |
| Excel Corp., Fort Morgan, Morgan | 0 | 0 | 0 | 0 | 3,662,906 | 187 | 2,520,447 | 6,183,540 | 0 |
| Public Service Co. of Colorado Cherokee Station, Denver, Adams | 0 | 0 | 0 | 0 | 978 | 0 | 1,202,108 | 1,203,086 | 0 |
| CF&I Steel L.P. (dba Rocky Mountain Steel Mills), Pueblo, Pueblo | 0 | 5,529,030 | 0 | 0 | 0 | 0 | 953,450 | 6,482,480 | 2 |
| Public Service Co. of Colorado Comanche Station, Pueblo, Pueblo | 0 | 0 | 0 | 0 | 958 | 0 | 939,208 | 940,166 | 0 |
| Public Service Co. of Colorado Pawnee Station, Brush, Morgan | 0 | 0 | 0 | 0 | 846 | 0 | 825,237 | 826,083 | 0 |
| Rawhide Energy Station, Wellington, Larimer | 0 | 0 | 0 | 0 | 71,962 | 0 | 766,978 | 838,940 | 0 |
| Martin Drake Power Plant, Colorado Springs, El Paso | 0 | 198 | 0 | 0 | 120,000 | 0 | 577,266 | 697,464 | 0 |

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

| Facility, City, County | Recycled On-site Pounds | Recycled Off-site Pounds | Energy Recovery On-site Pounds | Energy Recovery Off-site Pounds | Treated On-site Pounds | Treated Off-site Pounds | Quantity Released On- and Off-site* Pounds | Total Production-related Waste Managed Pounds | Total Non-Production-related Waste Managed Pounds |
|--|-------------------------|--------------------------|--------------------------------|---------------------------------|------------------------|-------------------------|--|---|---|
| Cripple Creek & Victor Gold Mining Co., Victor, Teller | 0 | 0 | 0 | 0 | 0 | 0 | 912 | 912 | 0 |
| Safety-Kleen (Deer Trail) Inc., Deer Trail, Adams | 0 | 0 | 0 | 0 | 0 | 0 | 681 | 681 | 0 |
| CF&I Steel L.P. (dba Rocky Mountain Steel Mills), Pueblo, Pueblo | 0 | 30 | 0 | 0 | 0 | 0 | 350 | 380 | 2 |
| Conoco Denver Refy., Commerce City, Adams | 0 | 0 | 0 | 0 | 0 | 0 | 336 | 336 | 0 |
| Tri-State Generation & Transmission - Craig Station, Craig, Moffat | 0 | 0 | 0 | 0 | 0 | 0 | 242 | 242 | 0 |
| Koppers Inds. Inc., Denver, Adams | 0 | 0 | 0 | 0 | 71 | 161 | 241 | 473 | 76 |
| Public Service Co. of Colorado Pawnee Station, Brush, Morgan | 0 | 0 | 0 | 0 | 846 | 0 | 237 | 1,083 | 0 |
| Public Service Co. of Colorado Comanche Station, Pueblo, Pueblo | 0 | 0 | 0 | 0 | 958 | 0 | 208 | 1,166 | 0 |
| Holnam Inc. Portland Plant, Florence, Fremont | 0 | 0 | 0 | 0 | 0 | 0 | 182 | 182 | 0 |
| Public Service Co. of Colorado Cherokee Station, Denver, Adams | 0 | 0 | 0 | 0 | 978 | 0 | 108 | 1,086 | 0 |

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.